

photographs should be taken from the portrait of Mr. Michaux, for distribution among prominent botanists and botanical institutions. On motion an appropriation of \$25.00 was made for the purpose.

The Committee to attend the Centennial Celebration of the American Academy of Arts and Sciences at Boston, reported and was discharged.

And the meeting was adjourned.

Stated Meeting, July 16, 1880.

Present, 4 members.

Vice-President, Dr. LeCONTE, in the Chair.

A photograph of Henry Armit Brown, a late member of the Society, was received for the album.

Letters of acknowledgment were received from the Statistical Society of London, dated June 24, 1880 (103, 104); and the Royal Danish Academy, Copenhagen, June 7, 1880 (103, 104).

Letters of envoy were received from the Trigonometrical Branch of the Survey of India, dated Dehra Dun, May 5, 1880; the Meteorological Office, London, June, 1880; and the Department of the Interior, Washington, D. C., June 29, 1880.

A letter was received from Mr. Murray, Acting Secretary of the American Philological Association, tendering the thanks of the Association for the use of the rooms of the Philosophical Society, and for the courteous attentions received by the Association.

A postal card was received from the American Chemical Society, stating that they had not received No 104, of our Proceedings.

Donations for the Library were received from the Acad-

emies at Buda Pest, Copenhagen, Berlin, Rome, Bruxelles, and Philadelphia; Editor of the Zoologischer Anzeiger, Leipzig; Société Vaudoise, Lausanne; Cav. Damiano Muoni, Milan; Editor of the Revue Politique, Paris; Society of Commercial Geography, Bordeaux; Editor of the Revista Euskara, Pamplona; Royal Astronomical Society, Dr. C. William Siemens, and the Editors of the Chemists' Journal, and Nature, London; American Journal, and Yale College, New Haven; Metropolitan Museum, N. Y.; Pennsylvania Historical Society, Franklin Institute, Journal of Pharmacy, and Medical News, and Mr. Lorin Blodget, Philadelphia; Mr. P. W. Shaefer, Pottsville; U. S. National Museum, Smithsonian Institution, and Department of the Interior, Washington, D. C.; American Philological Association; Dr. Robert Peter, Frankfort, Ky.; Editor of the Revista Científica Mexicana, and the Ministerio de Fomento, Mexico.

Prof. E. D. Cope presented a paper "On the genera of the Creodonta."

On account of the small attendance the election of members was postponed until the next stated meeting.

Pending nominations Nos. 904, 909 to 915, 917 to 919, and new nomination No. 920, were read.

And the meeting was adjourned.

On the Genera of the Creodonta. By E. D. Cope.

(Read before the American Philosophical Society, July 16, 1880.)

For the characters of this group of the unguiculate mammalia, the reader is referred to the fourth volume of the final Report of the U. S. Geol. Survey W. of the 100th Mer., under Capt. Wheeler Pt. ii, p. 72.

History. MM. Laurillard, Pomel and others have referred the European *Creodonta* to the *Marsupialia*, on account of the great similarity of the dentition. MM. De Blainville and Gervais have, on the other hand, regarded them as placental, a view which I have assigned reasons* for believing to be the correct one. M. Filhol has recently shown that the replacement of the dentition in *Hyænodon*, which has some affinities with

* Proceedings Academy, Phila., 1875. Paleontological Bulletin No. 20, Dec., 1875.